

917 Accordingly, the ultra-thin type camera module can be achieved. Further, even the image pickup device which includes the combination of the light-transmissible board 10 and the image pickup element 11 can be designed to be thinner than the conventional image pickup device 52 (see Fig. 6). Still further, the camera system 1 using the camera module 2 can be installed in an information terminal by using a smaller securing space because the thickness of the camera module 2 is reduced.

IN THE CLAIMS:

Please enter the following amended claims:

1. (Amended) An image pickup device including:

(sw) (b1) : a light-transmissible board having a wiring pattern formed on one surface thereof and containing an optical filter; and

an image pickup element having a photodetecting portion formed on the same surface thereof, said image pickup element being mounted in flip-chip style on the one surface of said light-transmissible board so that the photodetecting portion of the image pickup element is opposed to an area where the wiring pattern is not formed.

3. (Amended) The image pickup device as claimed in claim 1, wherein a peripheral edge portion of said image pickup element is sealed with resin.

919 4. (Amended) A camera module including:

a light-transmissible board having a wiring pattern formed on one surface thereof and containing an optical filter;

(sw) (b2) an image pickup element having a photodetecting portion formed on the same surface thereof;

and

a lens unit mounted on the other surface of said light-transmissible board so as to be located above said photodetecting portion of said image pickup element, said image pickup element being mounted in flip-chip style on the one surface of said light-transmissible board so that the photodetecting portion of the image pickup element is opposed to an area where the wiring pattern is not formed.

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